

Release notes for ENDF/B Development n-096_Cm_249
evaluation

ENDF
B-VII.**dev**

April 26, 2017

- fudge-4.0 Warnings:

1. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 1.02%

2. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission] [nubar]): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission] [nubar]): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (3.528670e-09) is too small

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 3 (total): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 3 (total): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (n + Cm249): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (n + Cm249): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 8 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission]): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

9. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 8 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission]): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

10. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 10 (n + (Cm249_e1 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.112275e-09) is too small

11. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 11 (n + (Cm249_e2 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.097029e-09) is too small

12. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 12 (n + (Cm249_e3 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (7.829065e-10) is too small

13. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 13 (n + (Cm249_e4 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.012759e-09) is too small

14. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 14 (n + (Cm249_e5 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.635795e-09) is too small

15. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 15 (n + (Cm249_e6 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.436277e-09) is too small

16. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 16 (n + (Cm249_e7 -> Cm249 + gamma)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.030642e-09) is too small

17. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 17 ($n + (Cm249_e8 \rightarrow Cm249 + gamma)$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (5.768284e-10) is too small

18. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 18 ($n + (Cm249_e9 \rightarrow Cm249 + gamma)$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (1.731030e-09) is too small

19. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 19 ($n + (Cm249_e10 \rightarrow Cm249 + gamma)$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (5.706151e-10) is too small

20. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 20 ($n + (Cm249_e11 \rightarrow Cm249 + gamma)$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (3.825656e-10) is too small

21. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 21 ($n + (Cm249_e12 \rightarrow Cm249 + gamma)$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (2.622561e-09) is too small

22. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 22 ($n + (Cm249_c \rightarrow Cm249 + gamma)$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

23. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 23 ($Cm250 + gamma$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

24. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 23 ($Cm250 + gamma$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

25. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 24 (n + Cm249 [angular distribution]): / Form 'eval': (Error # 1): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

26. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 25 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission] [spectrum]): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

27. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 26 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission] [spectrum]): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

28. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 27 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission] [spectrum]): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

29. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 28 (n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission] [spectrum]): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

• fudge-4.0 Errors:

1. ENDF format insists that all outgoing fission neutrons, delayed or otherwise, have spectra. For delayed neutrons this is tough.
Reading ENDF file: ../n-096-Cm-249.endf (Error # 0): No delayed n dist

WARNING: More than one delayed fission neutron decay time but no MF = 5 data

2. Energy range of data set does not match cross section range
reaction label 13: n + (Cm249_c -> Cm249 + gamma) / Product: Cm249_c / Decay product: gamma_a / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (170000.0 -> 2000000.0) vs (105223.0 -> 2000000.0)

3. Energy range of data set does not match cross section range
reaction label 13: n + (Cm249_c -> Cm249 + gamma) / Product: Cm249_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (170000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
WARNING: Domain doesn't match the cross section domain: (170000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
WARNING: Domain doesn't match the cross section domain: (140000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
WARNING: Domain doesn't match the cross section domain: (250000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
... plus 16 more instances of this message

4. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_b / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (170000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

5. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (140000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

6. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (250000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

7. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (220891.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

8. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

9. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (500000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

10. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (220891.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

11. Energy range of data set does not match cross section range
*reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma)$ / Product: $Cm249_c$ / Decay
product: γ_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

12. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_j} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
13. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_k} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
14. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_l} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
15. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_m} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
16. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_n} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
17. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_o} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
18. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_p} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
19. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_q} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)
20. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \text{gamma}) / \text{Product: } Cm249_c / \text{Decay}$
product: $\text{gamma_r} / \text{Multiplicity: (Error \# 0): Domain mismatch (a)}$
- WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

21. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma) / Product: Cm249_c / Decay$
product: γ_{s} / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

22. Energy range of data set does not match cross section range
reaction label 13: $n + (Cm249_c \rightarrow Cm249 + \gamma) / Product: Cm249_c / Decay$
product: γ_{t} / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (400000.0 -> 20000000.0) vs (105223.0 -> 20000000.0)

23. Calculated and tabulated Q values disagree.
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -4968394.161376953 eV vs -4713370. eV!

24. Energy range of data set does not match cross section range
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma / Product: \gamma_{a}$ / Multi-
plicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

25. Energy range of data set does not match cross section range
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma / Product: \gamma_{a}$ / Distri-
bution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

26. Energy range of data set does not match cross section range
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma / Product: \gamma_{b}$ / Multi-
plicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

27. Energy range of data set does not match cross section range
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma / Product: \gamma_{b}$ / Distri-
bution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

28. Energy range of data set does not match cross section range
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma / Product: \gamma_{c}$ / Multi-
plicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

29. Energy range of data set does not match cross section range
reaction label 14: $n[multiplicity: '2'] + Cm248 + \gamma / Product: \gamma_{c}$ / Distri-
bution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

30. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_d / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
31. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
32. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_e / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
33. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
34. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_f / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
35. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
36. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_g / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
37. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)
38. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_h / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (5000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

39. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

40. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_i / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

41. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

42. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_j / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

43. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

44. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_k / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

45. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

46. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_l / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

47. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (5500000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

48. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_m / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

49. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

50. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_n / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

51. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

52. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_o / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

53. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

54. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_p / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

55. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

56. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_q / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

57. Energy range of data set does not match cross section range
reaction label 14: n[multiplicity:'2'] + Cm248 + gamma / Product: gamma_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (6000000.0 -> 20000000.0) vs (4732460.0 -> 20000000.0)

58. Calculated and tabulated Q values disagree.
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -11181410.77490234 eV vs -1.09264e7 eV!

59. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_a / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

60. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

61. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_b / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

62. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

63. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_c / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

64. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

65. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_d / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

66. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

67. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_e / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

68. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

69. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_f / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

70. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

71. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_g / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

72. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

73. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_h / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

74. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

75. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_i / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

76. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

77. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_j / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

78. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

79. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_k / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

80. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

81. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_l / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

82. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

83. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_m / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (11500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

84. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (11500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

85. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_n / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

86. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

87. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_o / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

88. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

89. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_p / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

90. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

91. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_q / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

92. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

93. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_r / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

94. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

95. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_s / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

96. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

97. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_t / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

98. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

99. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_u / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

100. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

101. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_v / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

102. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

103. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_w / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

104. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

105. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_x / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

106. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

107. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_y / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

108. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

109. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_z / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

110. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

111. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_aa / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

112. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

113. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ab / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

114. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

115. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ac / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

116. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

117. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ad / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

118. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

119. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ae / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

120. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

121. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_af / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

122. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

123. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ag / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

124. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

125. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ah / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

126. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

127. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ai / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

128. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

129. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_aj / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

130. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

131. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ak / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

132. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

133. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_al / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

134. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

135. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_am / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

136. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

137. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_an / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

138. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

139. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ao / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

140. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

141. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ap / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

142. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

143. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_aq / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

144. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12500000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

145. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ar / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

146. Energy range of data set does not match cross section range
reaction label 15: n[multiplicity:'3'] + Cm247 + gamma / Product: gamma_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (10970600.0 -> 20000000.0)

147. Calculated and tabulated Q values disagree.
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16337265.47955322 eV vs -1.60822e7 eV!

148. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_a / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

149. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

150. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_b / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

151. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

152. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_c / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

153. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

154. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_d / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

155. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

156. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_e / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

157. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

158. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_f / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

159. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

160. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_g / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

161. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

162. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_h / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

163. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

164. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_i / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

165. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

166. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_j / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

167. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

168. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_k / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

169. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

170. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_l / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

171. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

172. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_m / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

173. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

174. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_n / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

175. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (17500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

176. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_o / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

177. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

178. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_p / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

179. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

180. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_q / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

181. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

182. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_r / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

183. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

184. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_s / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

185. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

186. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_t / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

187. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

188. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_u / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

189. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

190. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_v / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

191. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

192. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_w / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

193. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

194. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_x / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

195. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

196. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_y / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

197. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

198. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_z / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

199. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

200. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aa / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

201. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

202. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ab / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

203. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

204. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ac / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

205. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

206. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ad / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

207. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

208. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ae / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

209. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

210. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_af / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

211. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

212. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ag / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

213. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

214. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ah / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

215. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

216. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ai / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

217. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

218. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aj / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

219. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

220. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ak / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

221. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

222. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_al / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

223. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

224. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_am / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

225. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

226. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_an / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

227. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

228. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ao / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

229. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

230. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ap / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

231. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

232. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aq / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

233. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

234. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ar / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

235. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

236. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_as / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

237. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

238. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_at / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

239. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

240. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_au / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

241. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

242. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_av / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

243. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

244. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aw / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

245. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

246. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ax / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

247. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

248. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ay / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

249. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

250. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_az / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

251. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

252. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ba / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

253. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

254. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bb / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

255. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

256. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bc / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

257. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

258. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bd / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

259. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

260. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_be / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

261. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

262. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bf / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

263. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

264. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bg / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

265. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

266. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bh / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

267. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

268. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bi / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

269. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

270. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bj / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

271. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

272. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bk / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

273. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

274. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bl / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

275. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

276. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bm / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

277. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bm / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

278. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bn / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

279. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bn / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

280. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bo / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

281. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bo / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

282. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bp / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

283. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bp / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

284. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bq / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

285. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

286. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_br / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

287. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_br / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

288. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bs / Multiplicity: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

289. Energy range of data set does not match cross section range
reaction label 16: n[multiplicity:'4'] + Cm246 + gamma / Product: gamma_bs / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)

WARNING: Domain doesn't match the cross section domain: (18500000.0 -> 20000000.0) vs (16147400.0 -> 20000000.0)

290. Calculated and tabulated Q values disagree.
reaction label 18: Cm250 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 5577404.359436035 eV vs 5832430. eV!

291. Multiplicity does not match sum of linked product multiplicities!
multiplicitySum label 15: n + (Cm249-c -> Cm249 + gamma) total gamma multiplicity
(Error # 0): summedMultiplicityMismatch
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 36.15%
292. Multiplicity does not match sum of linked product multiplicities!
multiplicitySum label 16: n[multiplicity:'2'] + Cm248 + gamma total gamma multiplicity
(Error # 0): summedMultiplicityMismatch
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 100.00%
293. Multiplicity does not match sum of linked product multiplicities!
multiplicitySum label 17: n[multiplicity:'3'] + Cm247 + gamma total gamma multiplicity
(Error # 0): summedMultiplicityMismatch
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 66.61%
294. Multiplicity does not match sum of linked product multiplicities!
multiplicitySum label 18: n[multiplicity:'4'] + Cm246 + gamma total gamma multiplicity
(Error # 0): summedMultiplicityMismatch
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 63.03%
295. Calculated and tabulated Q values disagree.
fissionComponent label 0: /reactionSuite/fissionComponents/fissionComponent[@label='0']
(Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 232952078192.1831 eV vs 2.090408e8 eV!
296. Calculated and tabulated Q values disagree.
fissionComponent label 1: /reactionSuite/fissionComponents/fissionComponent[@label='1']
(Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 232952078192.1831 eV vs 2.090408e8 eV!
297. Calculated and tabulated Q values disagree.
fissionComponent label 2: /reactionSuite/fissionComponents/fissionComponent[@label='2']
(Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 232952078192.1831 eV vs 2.090408e8 eV!
298. Calculated and tabulated Q values disagree.
fissionComponent label 3: /reactionSuite/fissionComponents/fissionComponent[@label='3']
(Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 232952078192.1831 eV vs 2.090408e8 eV!
299. A covariance matrix was not positive semi-definite, so it has negative eigenvalues.
Section 24 (n + Cm249 [angular distribution]): / Form 'eval': / LegendreLValue L=1
vs 1 (Error # 0): Bad evs
- WARNING: 10 negative eigenvalues! Worst case = -1.916580e-04

- njoy2012 Warnings:

1. Evaluation has no resonance parameters given
unresr...calculation of unresolved resonance cross sections (0): No RR

```
---message from unresr---mat 9652 has no resonance parameters
      copy as is to nout
```

2. In some evaluations, the partial fission reactions MT=19, 20, 21, and 38 are given in File 3, but no corresponding distributions are given. In these cases, it is assumed that MT=18 should be used for the fission neutron distributions.
heatr...prompt kerma (0): HEATR/hinit (3)

```
---message from hinit---mt19 has no spectrum
      mt18 spectrum will be used.
```

3. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (1): HEATR/hinit (4)

```
---message from hinit---mf6, mt 16 does not give recoil za= 96248
      one-particle recoil approx. used.
```

4. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (2): HEATR/hinit (4)

```
---message from hinit---mf6, mt 17 does not give recoil za= 96247
      one-particle recoil approx. used.
```

5. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (3): HEATR/hinit (4)

```
---message from hinit---mf6, mt 37 does not give recoil za= 96246
      one-particle recoil approx. used.
```

6. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (4): HEATR/hinit (4)

```
---message from hinit---mf6, mt 51 does not give recoil za= 96249
      one-particle recoil approx. used.
```

7. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (5): HEATR/hinit (4)

```
---message from hinit---mf6, mt 52 does not give recoil za= 96249
      one-particle recoil approx. used.
```

8. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (6): HEATR/hinit (4)

```
---message from hinit---mf6, mt 53 does not give recoil za= 96249
      one-particle recoil approx. used.
```

9. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (7): HEATR/hinit (4)

```
---message from hinit---mf6, mt 54 does not give recoil za= 96249
      one-particle recoil approx. used.
```

10. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (8): HEATR/hinit (4)
- message from hinit---mf6, mt 55 does not give recoil za= 96249
one-particle recoil approx. used.
11. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (9): HEATR/hinit (4)
- message from hinit---mf6, mt 56 does not give recoil za= 96249
one-particle recoil approx. used.
12. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (10): HEATR/hinit (4)
- message from hinit---mf6, mt 57 does not give recoil za= 96249
one-particle recoil approx. used.
13. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (11): HEATR/hinit (4)
- message from hinit---mf6, mt 58 does not give recoil za= 96249
one-particle recoil approx. used.
14. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (12): HEATR/hinit (4)
- message from hinit---mf6, mt 59 does not give recoil za= 96249
one-particle recoil approx. used.
15. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (13): HEATR/hinit (4)
- message from hinit---mf6, mt 60 does not give recoil za= 96249
one-particle recoil approx. used.
16. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (14): HEATR/hinit (4)
- message from hinit---mf6, mt 61 does not give recoil za= 96249
one-particle recoil approx. used.
17. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (15): HEATR/hinit (4)
- message from hinit---mf6, mt 62 does not give recoil za= 96249
one-particle recoil approx. used.
18. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (16): HEATR/hinit (4)
- message from hinit---mf6, mt 91 does not give recoil za= 96249
one-particle recoil approx. used.
19. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (17): HEATR/hinit (4)

---message from hinit---mf6, mt102 does not give recoil za= 96250
photon momentum recoil used.

20. There is a problem with the fission energy release.
heatr...prompt kerma (26): HEATR/nheat (3)

---message from nheat---changed q from 2.090408E+08 to 1.983510E+08
for mt 18

21. Evaluation has no resonance parameters given
purr...probabalistic unresolved calculation (0): No RR

---message from purr---mat 9652 has no resonance parameters
copy as is to nout

22. Coefficient mismatch of some sort
covr...process covariance data (1): COVR/matshd (2)

---message from matshd---processing of mat/mt 9652/ 37 vs. mat1/mt1 9652/ 37
largest coefficient= 8.60971E+06 at index 588 599

23. The number of coefficients is too big.
covr...process covariance data (2): COVR/matshd (3)

---message from matshd--- 4 coefficients > 1
reset and continue.

24. The number of coefficients was too large in a covariance
covr...process covariance data (3): Cov:Too many coeff.

---message from matshd--- 336 coefficients > 2
reset and continue

- **xsectplotter** Errors:

1. ENDF format insists that all outgoing fission neutrons, delayed or otherwise, have spectra. For delayed neutrons this is tough.
(Error # 2): No delayed n dist

WARNING: More than one delayed fission neutron decay time but no MF = 5 data